

Standards, Compliance, and Enforcement Bulletin

July 5–9, 2023

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ACTIVE STANDARDS POSTINGS

Current and Upcoming Ballots (ballot periods close at 8:00 p.m. Eastern)

Project	Action	Start Date	End Date
Project 2022-02 – Modifications to TPL-001 and MOD-032 Draft 1 - MOD-032-2	Initial Ballots and Non-Binding Poll	07/05/23	07/14/23
Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2 Draft 1 - EOP-012-2	Initial Ballots and Non-Binding Poll	07/11/23	07/20/23
Project 2020-06 – Verifications of Models and Data for Generators Draft 3	Additional Ballots and Non-Binding Polls	07/12/23	07/21/23
EXTENDED Project 2019-04 – Modifications to PRC-005-6 Draft 1	Initial Ballots and Non-Binding Poll	06/30/23	07/24/23

Join Ballot Pools

Project	Action	Start Date	End Date
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Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2 Draft 1 - EOP-012-2	Join Ballot Pools	06/05/23	07/05/23
Posted for Comment			
Project	Action	Start Date	End Date
Project 2021-03 – CIP-002	Comment Period	06/13/23	07/12/23
Project 2022-02 – Modifications to TPL-001 and MOD-032 Draft 1 - MOD-032-2	Comment Period	05/31/23	07/14/23
Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2 Draft 1 - EOP-012-2	Comment Period	06/05/23	07/20/23
Project 2020-06 – Verifications of Models and Data for Generators Draft 3	Comment Period	06/07/23	07/21/23
EXTENDED Project 2019-04 – Modifications to PRC-005-6 Draft 1	Comment Period	05/25/23	07/24/23

Posted for Comment			
Posting	Action	Start Date	End Date
<p>Comment Period Open for National Online Informative References Program – Framework for Improving Critical Infrastructure Security: The National Online Informative References (OLIR) Program is a National Institute of Standards and Technology (NIST) effort that enables subject matter experts (SMEs) to identify and compare the security controls and standards from their own organization with those that have been developed by other organizations, or to facilitate communication with owners and users of other documents. Document owners also have the flexibility to update their documents and then update their OLIRs according to the unique requirements and schedules of their organization.</p> <p>NIST and NERC’s Security Working Group (SWG) collaborated to map the elements between NIST’s Cybersecurity Framework Core (CSF) v1.1 and the Critical Infrastructure Protection (CIP) Cyber Security Reliability Standards. The SWG provided expertise to map the relevant CIP Reliability Standards to the NIST</p>	Submit comments or questions to NIST .	05/30/23	07/14/23

<p>document. This mapping provides a better understanding of measures that enhance the security of the national grid. The OLIR mapping was recently published and is available for public review and comment; that material and related information is available at the following links:</p> <p>National Institute of Standards and Technology (NIST) announcement NIST CSF to NERC CIP Mapping Presentation Informative Reference Resource</p>			
<p>Comment Period Open for EOP-004 and EOP-005 Draft SARs: The System Planning Impacts from DER Working group (SPIDERWG) have posted the draft standard authorization requests (SARs) for EOP-004 and EOP-005 for a public industry comment period concurrent with their request to seek feedback from Reliability and Security Technical Committee (RSTC) members. These SARs are part of the June RSTC Agenda package and the public comment period will coincide with the RSTC review. At the June RSTC meeting, SPIDERWG will present their request for review.</p> <p>The RSTC approved posting for 30-day industry comment period. Draft versions of the SARs have been posted on the Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers page.</p> <p>SAR EOP-004 Reporting of Aggregate loss of DER during Grid Disturbances SAR EOP-005 Inclusion of DER in Blackstart Plans</p>	<p>Please submit comments via email using the comment matrixes below: SAR EOP-004 - Comment Matrix SAR EOP-005 - Comment Matrix</p>	<p>06/15/23</p>	<p>07/15/23</p>
<p>Comment Period Open for Grid Forming Functional Specifications for BPS-Connected Battery Energy Storage Systems Draft White Paper: The Inverter-Based Resource Performance Subcommittee (IRPS) has posted a draft version of the white paper, "Grid Forming Functional Specifications for BPS-Connected Battery Energy Storage Systems" for industry comment. This document is included in the June Reliability and Security Technical Committee (RSTC) Agenda</p>	<p>Please submit comments via email using the comment form.</p>	<p>06/21/23</p>	<p>07/21/23</p>

<p>package and has been postponed for approval by the RSTC until the industry’s comment period has concluded.</p> <p>The RSTC approved posting the white paper for 30-day industry comment period. The draft white paper has been posted on the Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers page.</p>			
<p>NEW Comment Period Open for Fuel Assurance and Fuel-Related Reliability Risk Analysis for the Bulk Power System Draft Reliability Guideline: The purpose of this draft reliability guideline is to ensure registered entities have relevant information to (i) plan for sufficient fuel to serve load and have modelled contingencies for both short-term operational horizons to long-term planning timeframes, (ii) fully understand fuel supply chain risks, and (iii) offer additional conditions and constraints, especially during extreme events, to consider when performing studies. This reliability guideline may inform potential scenario analyses (e.g., loss of fuel, compressor outages, etc.), but it is not intended to provide the environmental conditions contemplated under those studies.</p> <p>The RSTC) approved posting for 45-day industry comment period. A draft version of the guideline has been posted on the Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers page.</p>	<p>Please submit comments via email using the comment form.</p>	<p>06/30/23</p>	<p>08/14/23</p>

STANDARDS NEWS

NEW Webinar Resources Posted

NERC posted the [slide presentation](#) and [recording](#) from the June 29, 2023 Project 2019-04 – Modifications to PRC-005-6 webinar.

NERC has also posted the [slide presentation](#), [recording](#), and [questions and answers](#) from the June 27, 2023 Project 2022-02 – Modifications to TPL-001 and MOD-032 webinar.

NEW Additional Ballot and Non-binding Poll Results for Project 2021-02 – Modifications to VAR-002-4.1

The additional ballots and non-binding poll of the Associated Violation Risk Factors and Violation Severity Levels for draft two of VAR-002-5 - Generator Operation for Maintaining Network Voltage Schedules concluded 8 p.m. Eastern, June 23, 2023. Voting statistics are listed below, and the [Ballot Results](#) page provides the detailed results. The drafting team will review all responses received during the comment period and determine the next steps of the project.

Quick Links

- [Register in the SBS](#)
- [Projected Standards Posting Schedule](#)
- [Project Tracking Spreadsheet](#)
- [2021–2023 Reliability Standards Development Plan](#)
- [Quality Review Application](#)
- [One-Stop Shop \(Status, Purpose, Implementation Plans, FERC Orders, RSAWs\)](#)
- [CIP Standards Efficiency Review](#)
- [Submit Questions or Feedback](#)

	Ballot	Non-binding Poll
	Quorum / Approval	Quorum / Supportive Opinions
VAR-002-5	82.51% / 52.58%	80.77% / 48.19%
Implementation Plan	82.66% / 64.87%	N/A

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

REMINDER Newly Effective Standards

On July 1, 2023, [TPL-001-5.1 – Transmission System Planning Performance Requirements](#) became effective. TPL-001-5.1 establishes transmission system planning performance requirements within the planning horizon to develop a Bulk Electric System that will operate reliably over a broad spectrum of system conditions and following a wide range of probable contingencies. [Implementation Plan](#)

Quick Links

[Compliance Monitoring & Enforcement Program One-Stop Shop](#)
[ERO Enterprise Program Alignment Process](#)
[Consistency Reporting Tool \(EthicsPoint\)](#)
[Risk-Based Registration Initiative](#)
[Reliability Standard Audit Worksheets](#)
[Enforcement & Mitigation: Enforcement Actions](#)
[Align and ERO SEL](#)

OTHER NEWS

NEW Event Report Posted

The [AEP Summer 2022 Storm Event Observations](#) report provides an overview of the National Weather Service declared derecho storm that went through the Columbus, Ohio area on June 13–14, 2022, and the subsequent load shedding events on June 14–15, 2022. Immediately following the storm, there were record and near record high temperatures in Columbus and Eastern Ohio. The record high temperatures increased the power demand in the Columbus area to levels above normal. This report identifies observations involving this event.

NEW Industry Workshop Announcement: Virtual Electromagnetic Transient Boot Camps

NERC disturbance reports have been highlighting the growing need for Electromagnetic Transient (EMT) modeling to adequately assess potential IBRs performance issues and their impact on BPS reliability. In our shared mission to improve interconnection of IBR and their reliability, and thus executing on NERC IBR Strategy, U.S. Department of Energy [Interconnection Innovation e-Xchange \(i2X\)](#) and NERC bring you the EMT Boot Camps to provide hands-on training on using EMT simulation tools and models to perform individual IBR plant performance assessment and system impact assessment as part of enhanced interconnection studies, both manually and through automation for a streamlined work flow.

While the Boot Camps are open to industry, Transmission Planners and Planning Coordinators are especially encouraged to participate. The Boot Camps are part of a concerted effort to prepare them for the widespread adoption of EMT modeling as NERC standard development effort is currently underway to include EMT modeling in relevant reliability standards. More details on each session are available [here](#), and registration details are available under [Upcoming Events](#).

NEW NERC News Posted

NERC's monthly newsletter is now available for [June](#). Highlights in this edition include:

- ERO Executive Spotlight – Sonia Rocha, NERC's Senior Vice President, General Counsel and Corporate Secretary
- NERC Headlines
- NERC Activities
- NERC Filings
- ERO Enterprise Events
- Careers At NERC

STANDARDS SUBJECT TO FUTURE ENFORCEMENT

Please refer to the [U.S. Effective Dates page](#) for the most up-to-date information on effective dates and for more detail on the below.

U.S. Effective Dates for Reliability Standards	
U.S. Effective Date	Standard(s)
July 1, 2023 NEWLY EFFECTIVE	TPL-001-5.1 – Transmission System Planning Performance Requirements Implementation Plan
January 1, 2024	CIP-004-7 – Cyber Security – Personnel & Training CIP-011-3 – Cyber Security - Information Protection FAC-001-4 – Facility Interconnection Requirements Implementation Plan FAC-002-4 – Facility Interconnection Studies Implementation Plan TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R7, 7.1–7.3, 7.3.1–7.3.2, 7.4, 7.4.1–7.4.3, 7.5, 7.5.1., R11, 11.1–11.3, 11.3.1–11.3.2, 11.4, 11.4.1–11.4.3, 11.5, and 11.5.1)
April 1, 2024	FAC-003-5 – Transmission Vegetation Management FAC-011-4 – System Operating Limits Methodology for the Operations Horizon FAC-014-3 – Establish and Communicate System Operating Limits IRO-008-3 – Reliability Coordinator Operational Analyses and Real-time Assessments PRC-002-4 – Disturbance Monitoring and Reporting Requirements PRC-023-5 – Transmission Relay Loadability Implementation Plan PRC-026-2 – Relay Performance During Stable Power Swings Implementation Plan TOP-001-6 – Transmission Operations
October 1, 2024	EOP-012-1 – Extreme Cold Weather Preparedness and Operations (Requirements 1–2 effective 4/1/28; Requirement 4 effective 10/1/29)
April 1, 2026	CIP-003-9 - Cyber Security – Security Management Controls

BOARD OF TRUSTEES AND FERC ACTION

NEW NERC Filings

On June 30, 2023, NERC submitted to FERC a [compliance filing](#) in accordance with the January 19, 2021 Order in the five-year NERC Performance Assessment docket, directing NERC to submit reports for audits of all six Regional Entities pursuant to NERC Rules of Procedure Appendix 4A. You can find all filings to FERC for 2023 [here](#).

NEW FERC Issuances

On June 29, 2023, FERC issued an [order](#) addressing arguments raised on rehearing regarding Extreme Cold Weather Reliability Standards (EOP-011-3 and EOP-012-1) approved by FERC on February 16, 2023.

On July 3, 2023, FERC issued an [order](#) accepting NERC's January 3, 2023 Compliance Filing providing additional details about NERC's 2023 budget related to the E-ISAC and CRISP.

You can find all FERC issuances for 2023 [here](#).

UPCOMING EVENTS

For information about other NERC events, such as meetings and conference calls for other standing committees, subcommittees, task forces, and working groups, please refer to the [NERC calendar](#).

Workshops and Conferences

- **NEW** Electromagnetic Transient Boot Camp: Pre-Session – 1:00–3:00 p.m. Eastern, July 27, 2023 | [Register](#)
- **NEW** Electromagnetic Transient Boot Camp: Individual IBR Plant Performance Assessment – 1:00–5:00 p.m. Eastern, August 3, 2023 | [Register](#)
- **UPDATED** Joint NERC–FERC Physical Security Technical Conference – August 10, 2023, Atlanta | [In-person Registration](#) | [Webinar Registration](#) | [Agenda](#)
- **NEW** Electromagnetic Transient Boot Camp: System Impact Assessment – 1:00–5:00 p.m. Eastern, September 14, 2023 | [Register](#)
- Monitoring and Situational Awareness Technical Conference – October 3–4, 2023, Salt Lake City, UT | **Save the Date**
- 2023 Probabilistic Analysis Forum – October 10–12, 2023, Salt Lake City, UT | **Save the Date**
- GridSecCon 2023 – October 17–20, 2023 | [Register](#)

- 2023 NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop – November 1–2, 2023 | **Save the Date**

Webinars

- **ONGOING** Inverter-Based Resources Industry Webinar Series – June–July 2023 | [Registration Flyer](#)
- Joint NERC–E-ISAC–Idaho National Laboratory Webinar: Cyber-Informed Transmission Planning and Related Activities – 3:00–4:30 p.m. Eastern, July 10, 2023 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Industry Webinar – 11:00 a.m.–12:30 p.m. Eastern, July 13, 2023 | [Join Webex](#)

Standing Committee Meetings and Conference Calls

- Compliance and Certification Committee – 9:00 a.m.–12:00 p.m. Central, July 19, 2023, St. Paul, Minnesota | [Virtual Attendance Registration](#) | [In-Person Attendance Registration](#)
- Standards Committee Meeting – 10:00 a.m.–1:00 p.m. Central, July 19, 2023, St. Paul, Minnesota | [Register](#)
- Joint Compliance and Certification Committee/Standards Committee Meeting – 1:30–5:00 p.m. Central, July 19, 2023, St. Paul, Minnesota | [Register](#)
- **NEW** Member Representatives Committee Informational Session – 11:00 a.m.–12:30 p.m. Eastern, July 28, 2023 | [Register](#)
- Third Quarter Board of Trustees and Member Representatives Committee Meetings – August 16–17, 2023, Ottawa, Ontario, Canada | [In-person Registration](#) | [Virtual Registration](#) | [Hotel Information](#)

Standard Drafting Team Meetings

Below are the upcoming SDT meetings for the next four weeks. For a full listing of upcoming meetings, please refer to the [Standards calendar](#).

- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – 12:00–2:00 p.m. Eastern, July 5, 2023 | [Register](#)
- Project 2022-05 – Modifications to CIP-008 Reporting Threshold SAR Drafting Team Meeting – 2:00–3:00 p.m. Eastern, July 5, 2023 | [Register](#)
- Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, July 6, 2023 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 6, 2023 | [Register](#)
- **NEW** Project 2023-04 – Modifications to CIP-003 Standard Drafting Team Meeting – 1:00–4:00 p.m. Eastern, July 6, 2023 | [Register](#)
- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 7, 2023 | [Register](#)

- **NEW** Project 2023-03 – Internal Network Security Monitoring Standard Drafting Team Meeting – 12:00–1:30 p.m. Eastern, July 11, 2023 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 11, 2023 | [Register](#)
- **NEW** Project 2021-02 – Modifications to VAR-002 Standard Drafting Team Meeting – 1:30–3:30 p.m. Eastern, July 11, 2023 | [Register](#)
- **NEW** Project 2020-04 – Modifications to CIP-012 Standard Drafting Team Meeting – 2:00–3:30 p.m. Eastern, July 11, 2023 | [Register](#)
- **NEW** Project 2023-03 – Internal Network Security Monitoring Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 12, 2023 | [Register](#)
- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – 11:00 a.m.–1:00 p.m. Eastern, July 13, 2023 | [Register](#)
- **NEW** Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, July 13, 2023 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 13, 2023 | [Register](#)
- **NEW** Project 2020-04 – Modifications to CIP-012 Standard Drafting Team Meeting – 2:00–3:30 p.m. Eastern, July 13, 2023 | [Register](#)
- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – 2:00–4:00 p.m. Eastern, July 17, 2023 | [Register](#)

ERO Enterprise Events

- **ReliabilityFirst** 2023 ReliabilityFirst Fall Workshop – September 26–27, 2023 | [Register](#)

ABOUT THE STANDARDS, COMPLIANCE, AND ENFORCEMENT BULLETIN

This weekly bulletin compiles a list of standards, compliance, and enforcement projects with actionable deadlines, as well as upcoming events, recently posted resources, other NERC documents posted for comment, and other relevant news and information. Please email [Amy Klagholz](mailto:amy.klagholz@nerc.gov) with feedback on this bulletin. The current bulletin and old bulletins are available under “Program News” on both the [Standards home page](#) and the [Compliance & Enforcement home page](#).

REGISTRATION: If you would like to receive this bulletin or be added to a NERC distribution list, you **must** first register an account in the [ERO Portal](#). Once you have registered your ERO Portal account, authenticated your credentials with DUO, and completed your profile, please submit a ticket through the [Help Desk](#) by selecting the “NERC Email Distribution List” option under the Applications menu. In the Description Box, please specify which lists you would like your email address to be added to. If you are unsure of which distribution list you would like to be added to, an excellent starting point is the “[Committee](#)” page. You can note the committee abbreviation, which represents the distribution list you would like to join, in the Description Box. If you have other NERC-related or specific Standards projects you’re interested in, you may request those as well. If you’re interested in general information, please request to be added to the NERC-info distribution list, which covers most NERC announcements. This bulletin is distributed to several lists, including the Standards distribution list (Standards-specific announcements) and the NERC-info distribution list.